



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
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Salt Lake City, Utah 84114-5801

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May 31, 2001

CERTIFIED RETURN RECEIPT

7000 0520 0021 7582 9170

Lon Thomas  
Star Stone Quarries, Inc.  
4040 South 300 West  
Salt Lake City, Utah 84107

Re: Status of Conditions of the Division Order (December 20, 2000), Star Stone Quarries, Inc., Heber Quarry, M/051/001, Wasatch County, Utah.

Dear Mr. Thomas:

This letter is to update you on the status of the conditions of the Division's December 20, 2000 Order, which was a result of the informal public hearing held on November 20, 2000 in Heber, Utah. The Order had six conditions identified as A thru F. Only one condition remains to be satisfied (Condition E). All other conditions have been adequately addressed. Each condition and its current status is outlined below.

**Condition A** - required that a \$68,000 reclamation surety be posted within 30 days.

*Star Stone Quarries has provided the required reclamation surety and Reclamation Contract. The Division Director approved the surety and Reclamation contract on April 10, 2001. The requirements of this condition have been satisfied.*

**Condition B** - required the permit area boundary be marked with metal fence posts within 30 days.

*The proposed 5-year permit boundary was marked on April 24 thru May 4, 2001. The Division has inspected the placement and location of the permit boundary markers. The requirements of this condition have been satisfied. However, please note that you will need to amend your mine plan and reclamation surety accordingly to reflect the new 5-year permit area boundary. This supplemental requirement will be forwarded to you under a separate letter.*



**Condition C** - required a blasting protocol be developed within 30 days, which will adequately warn nearby residents of the applicant's intent to blast within the Heber Quarry

*Your blasting protocol was finalized and submitted on May 3, 2001. **The requirements of this condition have been satisfied.** The Division hereby accepts the proposed blasting protocol. A copy of the latest revised blasting protocol is attached for your records.*

**Condition D** - required the operator to publish a notice of its intention to conduct a meeting to review and describe the blasting protocol with the interested public.

*The Notice of the public meeting was published in the Wasatch Wave on April 25, 2001. The meeting was conducted on May 3, 2001 in Heber, Utah. Comments received during this meeting have been incorporated into the approved blasting protocol. **The requirements of this condition have been satisfied.***

**Condition E** - required the Division to review the Mining and Reclamation Plan to ensure that off-site sedimentation control is adequate to meet the needs of section 40-8-12(2) of the Utah Mined Land Reclamation Act.

*Division staff inspected the site on April 16, 2001, to determine if existing sediment control measures were adequate and functioning properly (inspection memo attached). Three water bars were observed on the main road. These structures needed additional maintenance work to function properly (The operator performed the required maintenance by April 24, 2001). During the inspection, an area was noted near the trailers where sediment-laden runoff had drained offsite through a breach in the berm. This breach had allowed runoff and sediment to leave the site and travel 30 - 40 feet beyond the perimeter fence (see attached photos). This breach must be repaired and the berm maintained so that the sediment laden storm water is directed down the access road drainage ditch to a sediment trap. The storm runoff will be temporarily detained to settle and filter out the sediments prior to offsite discharge. This sediment trap should be placed in a location where it can be easily maintained and cleaned. It should have a gravel berm, straw bale or filter fabric outlet (see attached examples), with adequate storage volume to settle the suspended sediments prior to discharge. Since the access road slopes to the east, the depression should be on the east edge of the road. **Once the breached berm is repaired and a sediment control structure is selected and properly installed, the requirements of this condition will be satisfied.***

**Condition F** - required the operator meet with Wasatch County Planning and Zoning Department to determine what activities are necessary to achieve compliance with Wasatch County's ordinances and requirements.

*Star Stone Quarries, Inc. has meet with the Wasatch County Planning and Zoning Dept. and has been before the Wasatch County Commission to obtain public comment and approval of the required County permits. During the Commission meeting on May 14, 2001, final approval for the County special use permit was granted. **The requirements of this condition have been satisfied.***



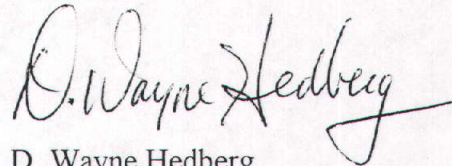
Page 3  
Lon Thomas  
M/051/001  
May 31, 2001

In summary, the requirements of Conditions A, B, C, D, and F have been satisfied. Condition E will require additional onsite sediment control work as well as a minor amendment to the Mining and Reclamation Plan describing the sediment control plans. While Condition B requirements are essentially completed, an amendment will need to be submitted to include the additional area in your Mining and Reclamation Plan.

*The required drainage control work to satisfy Condition E should be completed within two weeks of your receipt of this letter. Please provide advance notice to us when this work will be scheduled, so we may have an opportunity to observe the construction process.*

If you have any questions or concerns regarding the requirements of the remaining condition, please contact me, Lynn Kunzler, or Tom Munson at (801) 538-5286, 538-5310 and 538-5321, respectively. Thank you for your patience and cooperation in completing this permitting action.

Sincerely,



D. Wayne Hedberg  
Permit Supervisor  
Minerals Regulatory Program

jb  
Attachments: Blasting protocol , Sediment control examples,  
                  Inspection memo w/photos  
cc:     Al Mickelsen, Wasatch County  
          Mary Ann Wright, OGM  
          Lynn Kunzler, OGM  
O:\thomas\m51-01 status let.doc



**Blasting Protocol**  
**Heber Quarry**  
**M/051/001**  
**(Approved May 30, 2001)**

1. A siren located on site will warn the public of pending blast
  - A. 20 minutes prior to blasting, the siren will sound 2 times for 3-5 seconds with a 3-5 second interval between each warning.
  - B. 10 minutes prior to blasting, the siren will sound 3 times for 3-5 seconds with a 3-5 second interval between each warning.
  - C. Immediately prior to blasting, the siren will sound for 15 seconds, with the blast occurring at the end of the signal.
  - D. As soon as the area is checked and considered safe, the siren will sound for 5 quick bursts to signal 'all clear'
2. Blasting will only be done between the hours of 10:00 am and 2:00 pm.
3. No blasting will be done on weekends or major holidays.
4. A certified blaster will do all blasting.
5. Blasting protocol will be posted on a sign at all entrances to the property.  
Sign will be of sufficient size to allow a minimum of 1-inch lettering.

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

LON THOMAS

STAR STONE QUARRIE INC

4040 S 300 W

SALT LAKE CITY UT 84017

2. Article Number (Copy from service label)

7000 0520 0021 7582 9/70

PS Form 3811, July 1999

**COMPLETE THIS SECTION ON DELIVERY**

A. Received by (Please Print Clearly)

SOCIETY THOMAS

B. Date of Delivery

6-2-01

C. Signature

X [Signature]

☐ Agent☐ Addressee

D. Is delivery address different from item 1?

☐ Yes

If YES, enter delivery address below:

☒ No

JUN 04 2001

3. Service Type

☒ Certified Mail☐ Express Mail☐ Registered☐ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

USPS

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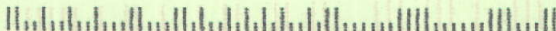
- Sender: Please print your name, address, and ZIP+4 in this box •

DIVISION  
OF  
OIL GAS & MINING  
1594 W NORTH TEMPLE STE 1210  
BOX 145801  
SALT LAKE CITY UT 84114-5801

DIVISION OF  
OIL, GAS AND MINING

JUN 05 2001

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U.S. Postal Service  
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JB

DOGM

M/051/001

5/30/01

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LON THOMAS - STAR STONE QUARRIES INC

**Street, Apt. No.; or PO Box No.**

4040 S 300 W

**City, State, ZIP+ 4**

SLC UT 84107

7000 0520 0021 7582 9170